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Scientific - Melting, cupola, acid

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JPRS 2E111

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THERMAL CONDUCTIVITY MEASUREMENTS AT
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210. [1962] 25p
Contract 037-60-12 RDF
Order from OTS, SLA, or ETC \$2.60 EURAEC-415

Trans. of a rept. from Commissariat à l'Énergie
Atomique, Paris (France) Jun 62. (Abstract available)

DESCRIPTORS: *Reactor fuel elements, *Ceramic
materials, *Uranium compounds, *Plutonium com-
pounds, *Thermal conductivity, High temperature res
research, Test methods, Electron bombardment

The first part of the work consists, in addition to a
brief statement of the problems handled of an outline of
the more usual metrological principles with an indica-
tion of their advantages and their drawbacks. Part two
(Nuclear Physics--Nuclear Engineering, TT, v. 11,
no. 6) (over)

TT-63-15656

1. Title: Project 210
I. Schmidt, H. E.
II. EURAEC-415
III. European Atomic Energy
Community, Brussels
(Belgium)

13731

Office of Technical Services

Water Hardness and Fluoridation, by H. J. Schmidt,
15 pp.

GERMAN, per, Deut. Zahnärztl. Zschr, Vol IX,
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Sci - Chemistry, inorganic
Apr 57

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I. Schmidt, H. J.

Schmidt, H. J.
CALCULATIONS FOR THE HETEROGENEOUS FIRST
ORDER WALL REACTION IN CYLINDRICAL TUBES.
[1963] 5p 7refs
Order from SLA \$1. 10

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Trans. of Chemie-Ing[enieur]-Techn[ik] (West
Germany) 1962, v. 34, p. 841-842.

DESCRIPTORS: Chemical reactions, *Reaction kinetics,
Diffusion, *Fluid flow, Pipes, Laminar flow, Special
functions, Mathematical analysis.

The theoretical precalculation of the influence of flow
and diffusion on the conversion in chemical reactions
up to the present has been successful in few cases. The
special cases solved so far for the case of the heteroge-
neous wall reaction of the first order in cylindrical flow
reactors are briefly compiled. The detailed calculations
(Chemistry--Physical, TT, v. 10, no. 11) (over)

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Toroidal Plasma Equilibrium Configurations with
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Full translation.

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AF # 546046

Scientific - Geophysics

CTS/DEK

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CIA 1415274

61-10528

Schmidt, Hans and Schmidt, Hermann Dietrich.
ELECTROCHEMICAL FLUORINATION. I. THE
ELECTROCHEMICAL FLUORINATION OF IN-
ORGANIC COMPOUNDS; ANODIC FORMATION OF
SULFURYL FLUORIDE (Electrochemische Fluorierung.
I. Über die Elektrochemische Fluorierung
Anorganischer Verbindungen; Anodische Bildung von
Sulfurylfluorid). [1966] [14]p. 30 refs.
Order from SLA ml\$2.40, ph\$3.30 61-10528

Trans. of Zeitschrift für Anorganische Chemie
(East Germany) 1955, v. 279, p. 289-299.

The anodic processes are described which are possible
in the electrolysis of fluorine compounds, and an interpretation is given of the anodic processes occurring
during electrolysis in the system H_2O/HF and of the
electrochemical formation of fluorine oxide, based on
existing preparative and electrochemical findings. In
the electrolysis of fluorosulfonic acid in hydrofluoric
acid, sulfuric fluoride is formed in addition to OF_2 at
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1. Electrochemistry
2. Sulfur oxyfluoride--
Synthesis
3. Fluorides--Electrolysis
4. Title: Fluorination
- I. Schmidt, H.
- II. Schmidt, H.
- III. Title: Electrochemical
fluorination of
- IV. Title: Anodic

Office of Technical Services

Schmidt, Hans].

SLAG WOOL AND ROCK WOOL AS A UNIVERSAL
SUBSTITUTE MATERIAL. Rept. no. 33 of the Panel
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Deutscher Eisenhüttenleute. [Feb 46] 10p. (6 figs.
omitted) 6 refs.

Order from SLA mi\$1.80, ph\$1.80 60-18205

Trans. of Stahl und Eisen (Germany) 1943, v. 63
[no. 18] p. 360-365.

(Unannounced)

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1. Insulation--Materials
2. Title: Slag wool
3. Title: Rock wool
- I. Schmidt, H.
- II. Title: Verein...

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Schmidt, Hans.

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Order from SLA mi\$2.40, ph\$3.30 60-18746

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Primary and Secondary Pulmonary Hypertension,
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WTH

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Geo

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Process of Manufacturing Monomer Organosilicon
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Helmut Schmidt

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GERMAN, proc. Erdöl und Kohle Erdgas Petrochemie.
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ACC ENR-tr-100

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Nov 65

Hellmut Schmidt

The [unclear] [unclear] of [unclear]
[unclear] by Alfred Schmidt, [unclear] [unclear]
[unclear] [unclear] [unclear] [unclear] [unclear] [unclear]

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Herbert Schmidt

[unclear] [unclear]
[unclear] [unclear]

[unclear] [unclear]

The Use of Ultraviolet Light in the Examination
of Bituminous Substances, by Herbert Schmidt,
30 pp.

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SLA 59-10924

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Bop 59

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Problems of Dust Suppression in Mines of the
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Coal, Including Intermediate Screening,
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tered by Letters Patent under the Great Seal of Great
Britain, by Letters Patent, 12th Geo.
2nd, c. 36, 1700, and 13th Geo. 2nd, c. 23, 1701,
for 15 years, by and by renewed, 1713, 1723, 1733,
and 1743, 1753, 1763, 1773, 1783, 1793, 1803, 1813,
and 1823, 1833, 1843, 1853, 1863, 1873, 1883, 1893,
and 1903, 1913, 1923, 1933, 1943, 1953, 1963, 1973,
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DESCRIPTORS: *Glass, *Melting, Tanks, Oil-burning furnaces, Fuel consumption, Operation, Construction.

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DESCRIPTORS: *Gases, *Luminescence, Excitation,
Electrons, *Electron bombardment, Pressure,
Spectrographic analysis.

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He/Ne, and mixtures of all gases with N₂) bombarded
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